FIG.1

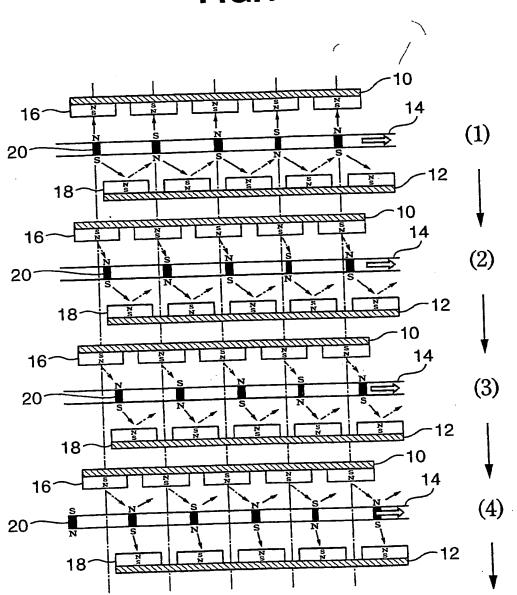
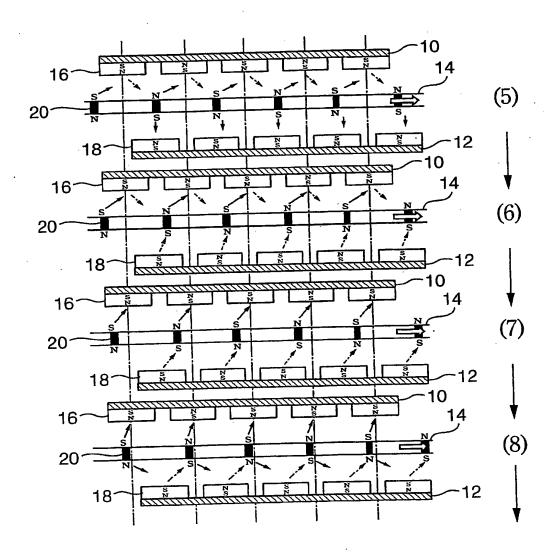


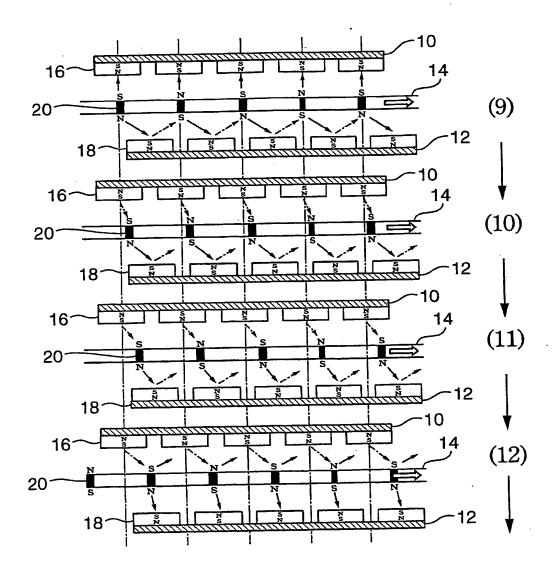
FIG.2



Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE, AND DRIVER COMPRISING SAID MOTOR Inventor(s): Kesatoshi TAKEUCHI 10/533651

Inventor(s): Kesatoshi TAKEUCHI Atty.-Ref.: 931-9T-1174/NP

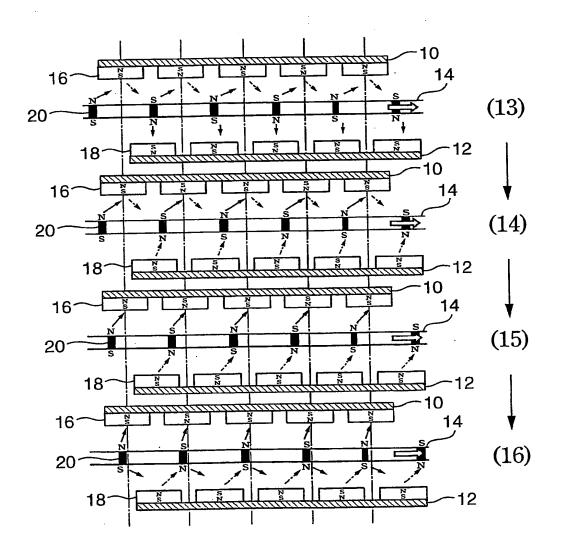
FIG.3



Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE, AND DRIVER COMPRISING SAID MOTOR Inventor(s): Kesatoshi TAKEUCHI

Atty, Ref.: 9319T-1174/NP

FIG.4



1,

AND DRIVER COMPRISING SAID MOTOR Inventor(s): *Kesatoshi TAKEUCHI

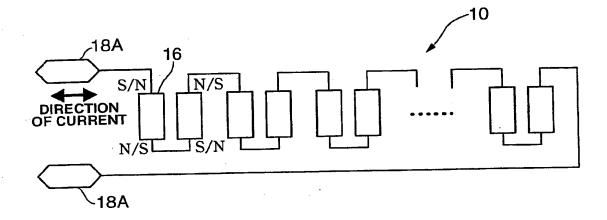
Atty. Ref.: 9319T-1174/NP

10/53365

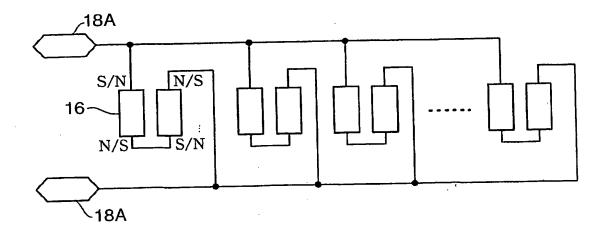
5/50

FIG.5

(1)



(2)



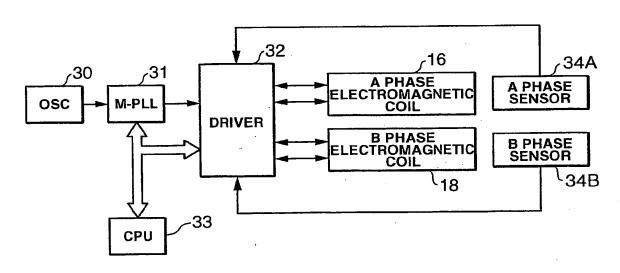
Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE, AND DRIVER COMPRISING SAID MOTOR
Inventor(s): Kesatoshi TAKEUCHI
Atty. Ref.: 9319T-1174/NP

10/533651

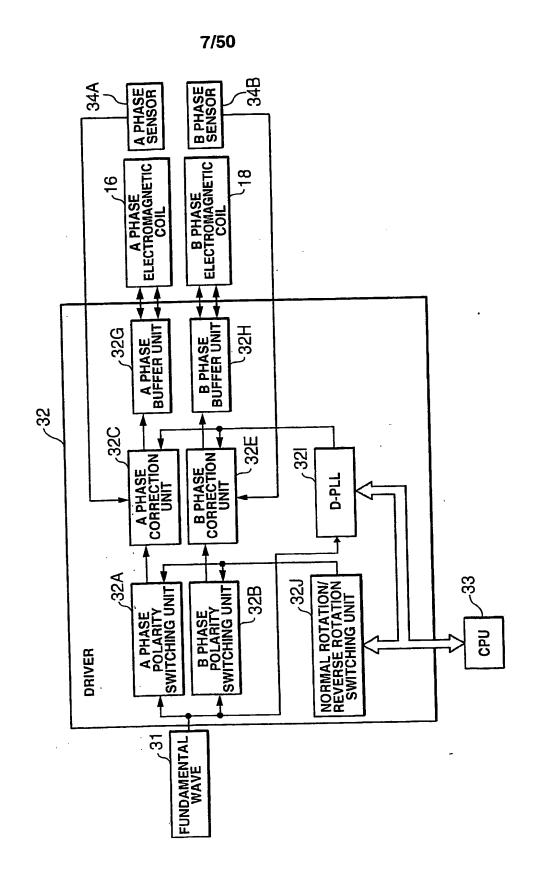
6/50

FIG.6

18A



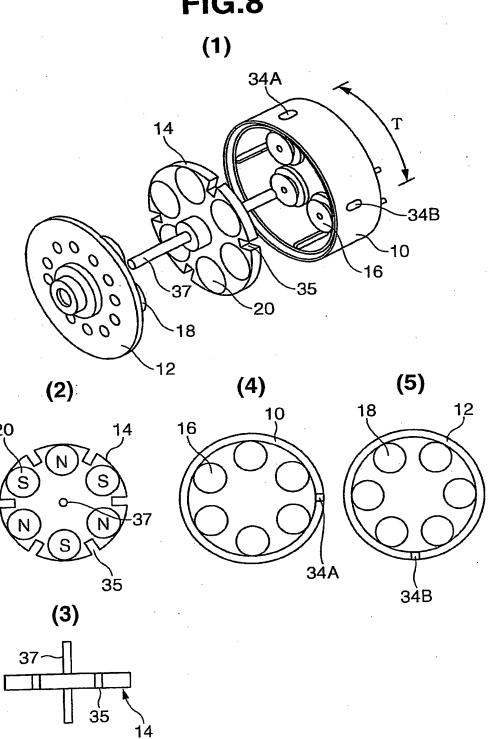




Inventor(s): Kesatoshi TAKEUCHI 'Atty.' Ref.: 9319T-1174/NP

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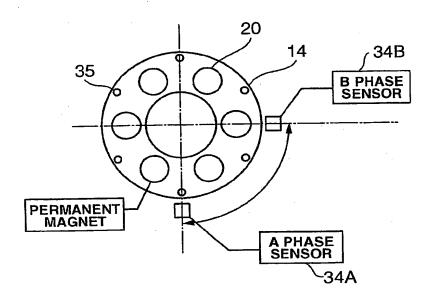
FIG.8



AND DRIVER COMPRISING SAID MOTOR Inventor(s): Kesatoshi TAKEUCHI Atty. Ref.: 9319T-1174/NP

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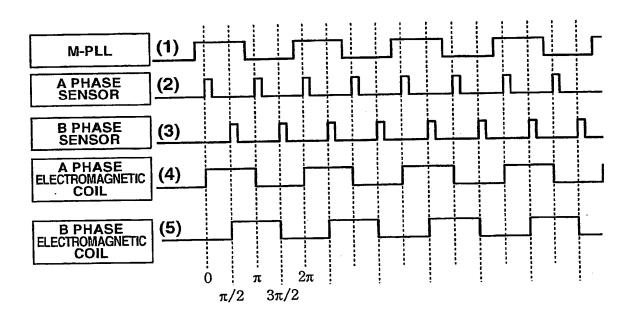
FIG.9



Inventor(s): Kesatoshi TAKEUCHI Atty. Ref.: 9319T-1174/NP

10/533651

FIG.10



Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE,

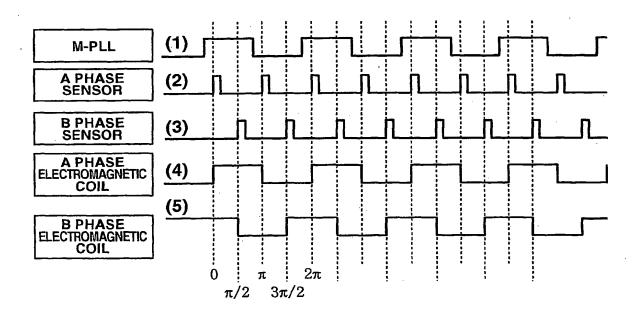
AND DRIVER COMPRISING SAID MOTOR

A A F 77

Inventor(s): Kesatoshi TAKEUCHI
Atty. Ref.: 9319T-1174/NP

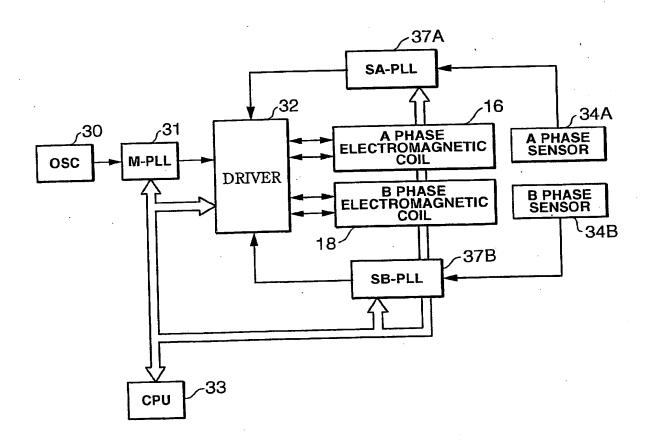
10/533651

FIG.11



Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE, AND DRIVER COMPRISING SAID MOTOR Inventor(s): Kesatoshi TAKEUCHI Atty. Ref.: 9319T-1174/NP

FIG.12



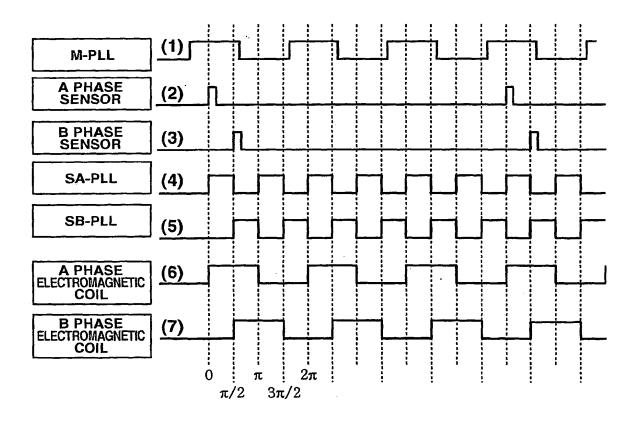
AND DRIVER COMPRISING SAID MOTOR

AND DRIVER COMPRISING SAID MOTOR

Atty. Ref.: 9319T-1174/NP

10/533651

FIG.13

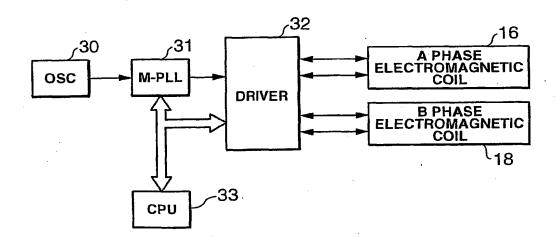


Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE, AND DRIVER COMPRISING SAID MOTOR

AND DRIVER COMPRISING SAID MOTOR Inventor(s): Kesatoshi TAKEUCHI Atty. Ref.: 9319T-1174/NP

10/533651

FIG.14

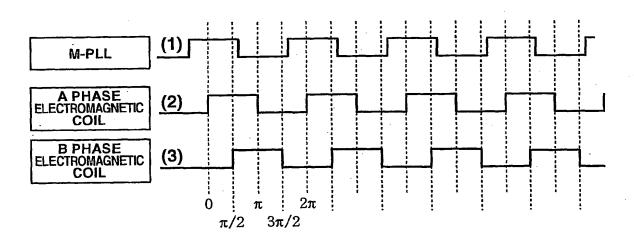


Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE, AND DRIVER COMPRISING SAID MOTOR

Inventor(s): Kesatoshi TAKEUCHI Atty. Ref.: 9319T-1174/NP

10/533651

FIG.15



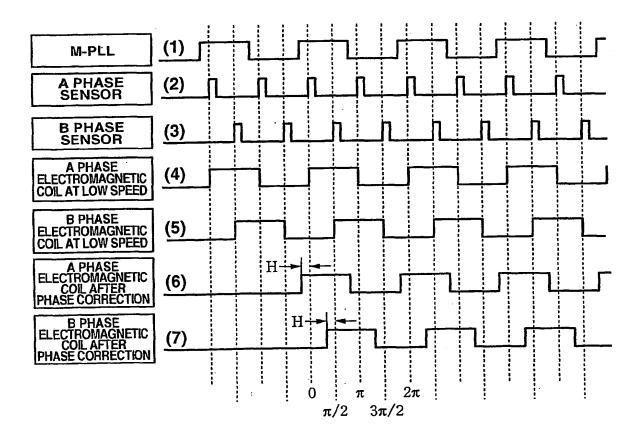
Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE,

AND DRIVER COMPRISING SAID MOTOR
AND DRIVER COMPRISION SAID MOTOR

-

10/53365

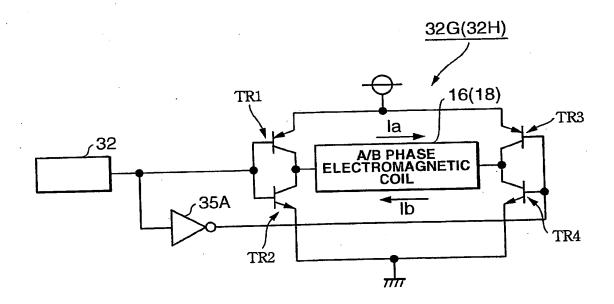
FIG.16



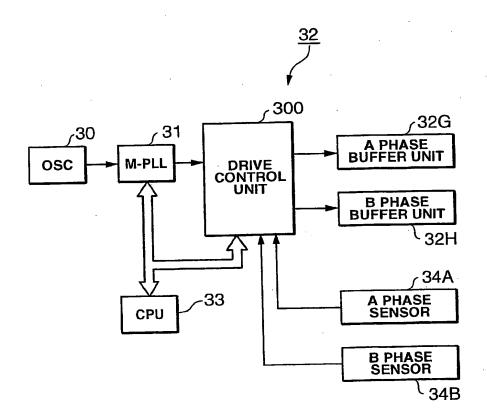
AND DRIVER COMPRISING SAID MOTOR Inventor(s): Kesatoshi TAKEUCHI Atty. Ref.: 9319T-1174/NP

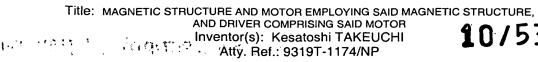
10/533651

FIG.17



18/50



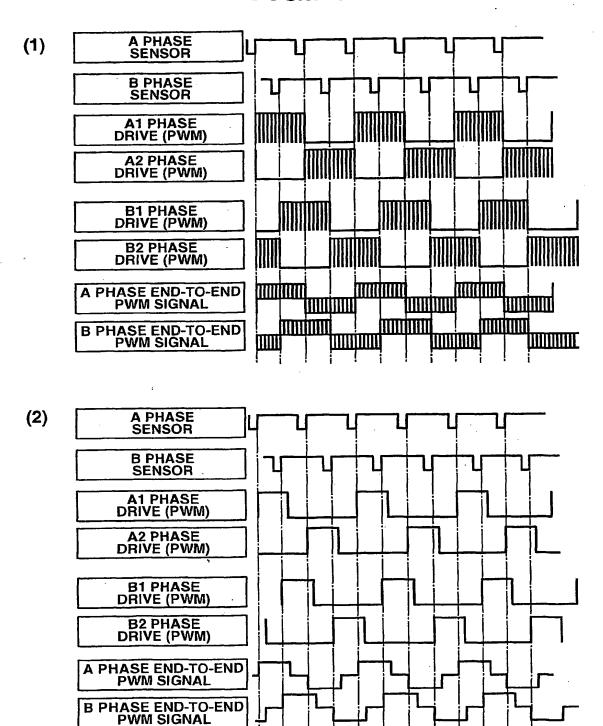


19/50 A PHASE ELECTROMAGNETIC COIL A PHASE BUFFER UNIT B PHASE BUFFER UNIT PWM B PHASE A PHASE B PHASE SENSOR A PHASE SENSOR SEL МОГПРСЕХЕЯ PHASE DRIVE B PHASE DRIVE PHASE DRIVE PHASE DRIVE 304 302 M-PLL SPU

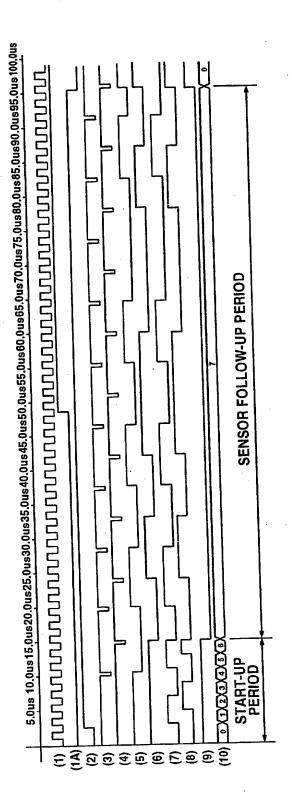
AND DRIVER COMPRISING SAID MOTOR
Inventor(s): Kesatoshi TAKEUCHI
Atty. Ref.: 9319T-1174/NP

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20/50

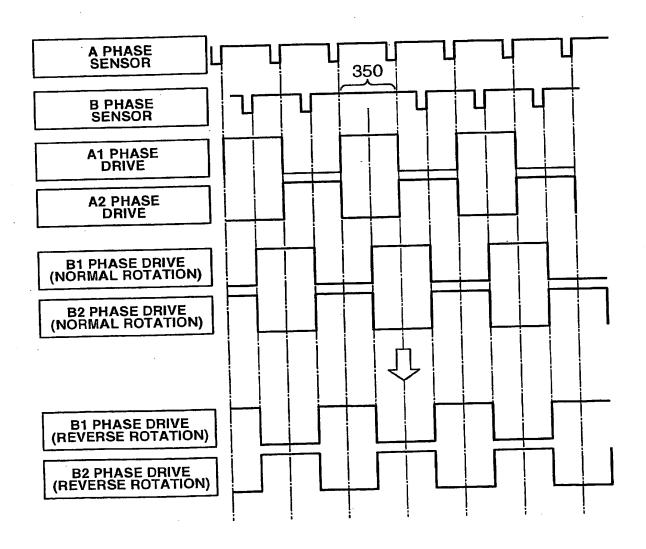


21/50



Inventor(s): Kesatoshi TAKEUCHI
Atty. Ref.: 9319T-1174/NP

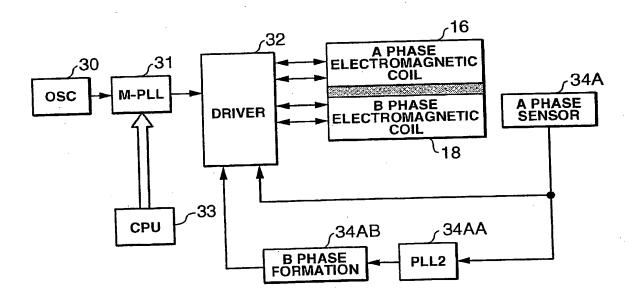
FIG.22



Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE, AND DRIVER COMPRISING SAID MOTOR Inventor(s): Kesatoshi TAKEUCHI Atty. Ref.: 9319T-1174/NP

10/533651

FIG.23

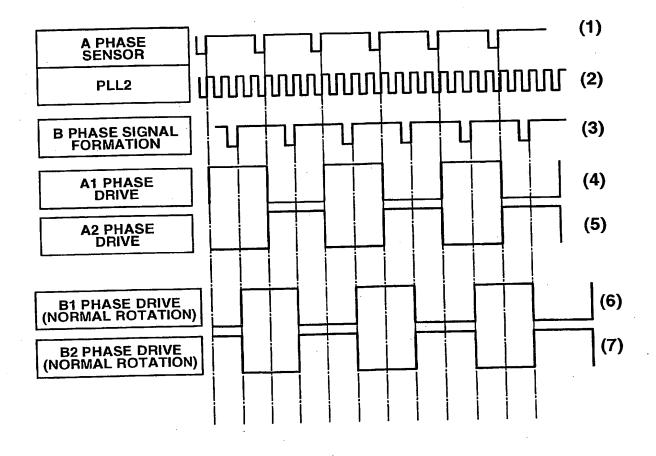


Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE,

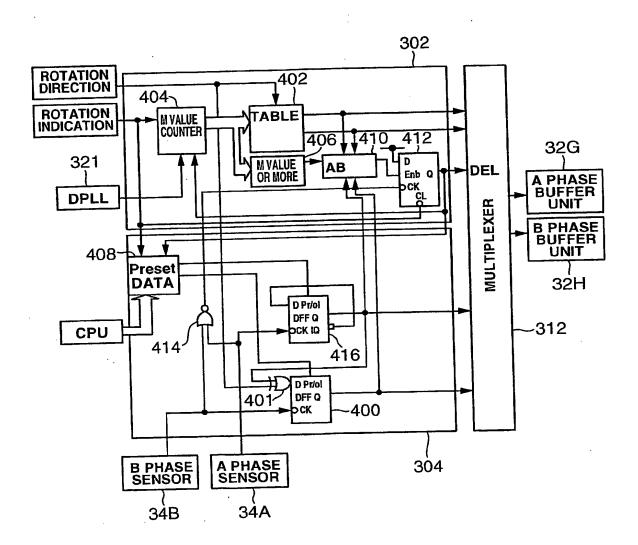
AND DRIVER COMPRISING SAID MOTOR Inventor(s): Kesatoshi TAKEUCHI Atty. Ref.: 9319T-1174/NP

10/533651

FIG.24



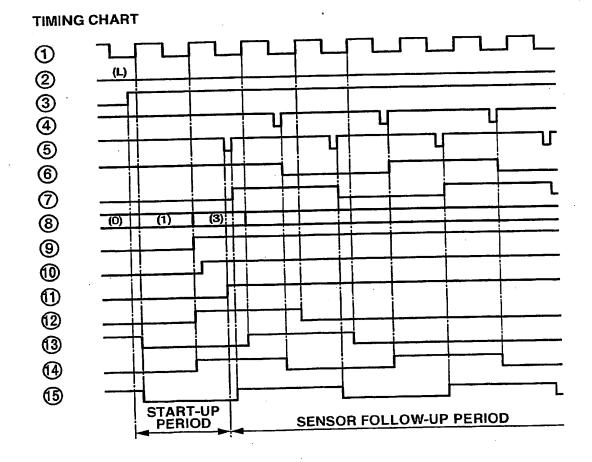
25/50



* Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE AND DRIVER COMPRISING SAID MOTOR Inventor(s): Kesatoshi TAKEUCHI

Atty. Ref.: 9319T-1174/NP

FIG.26



Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE, AND DRIVER COMPRISING SAID MOTOR

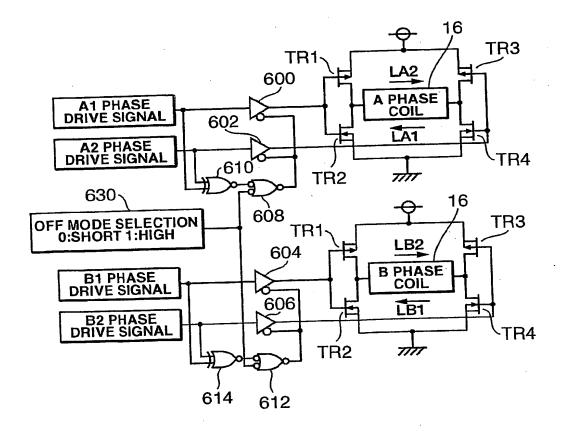
AND DRIVER COMPRISING SAID MOTOR

AND DRIVER COMPRISING SAID MOTOR

AND TOTAL STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE, AND DRIVER COMPRISING SAID MOTOR

AND DRIVER COMPRISING SAID MOTOR TO THE PROPERTY OF THE

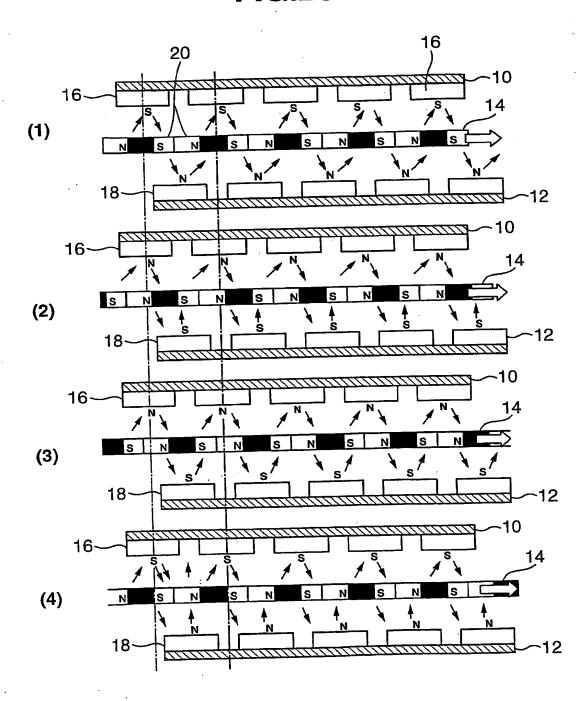
27/50



AND DRIVER COMPRISING SAID MOTOR Inventor(s): Kesatoshi TAKEUCHI Atty. Ref.: 9319T-1174/NP

10/533651

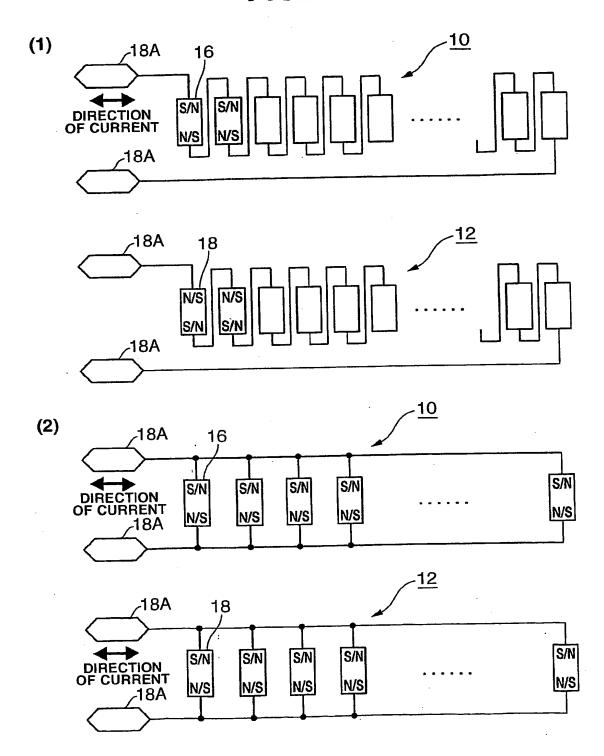
FIG.28



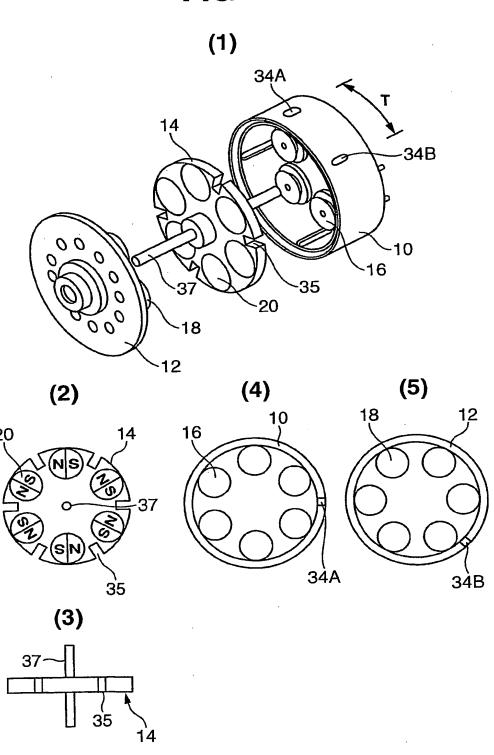
AND DRIVER COMPRISING SAID MOTOR Inventor(s): Kesatoshi TAKEUCHI Atty. Ref.: 9319T-1174/NP

10/533651

FIG.29



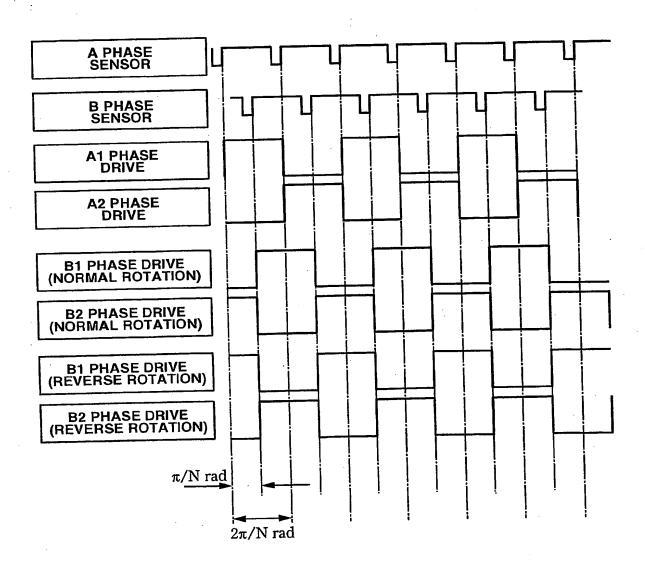
30/50



Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE, AND DRIVER COMPRISING SAID MOTOR Inventor(s): Kesatoshi TAKEUCHI 10/533651

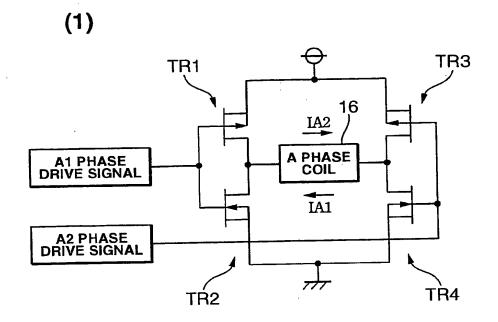
Atty. Ref.: 9319T-1174/NP

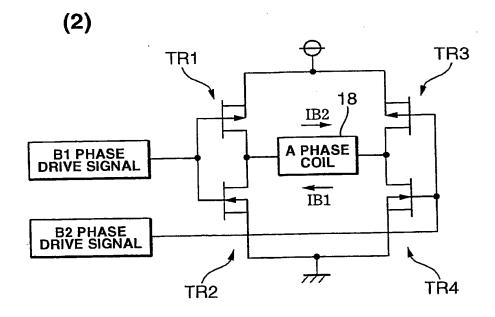
FIG.31



Atty. Ref.: 9319T-1174/NP

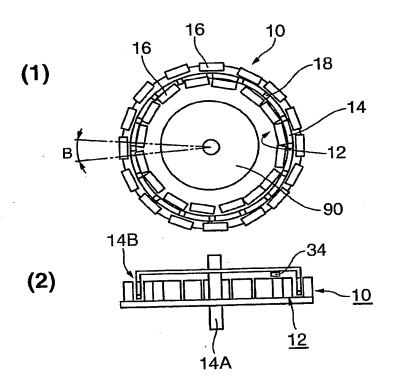
FIG.32





Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE, AND DRIVER COMPRISING SAID MOTOR AND UNIVERSE COMPRISING SAID MAGNETIC STRUCTURE, AND DRIVER COMPRISION SAID SAID MAGNETIC STRUCTURE, AND DRIVER COMPRISION SAID SAID SAID SAID SAID SAID SAI

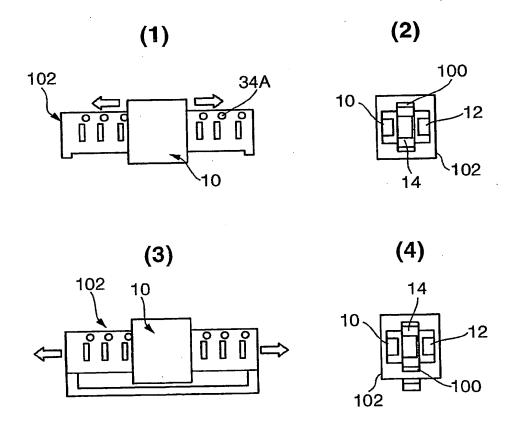
FIG.33



Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE, AND DRIVER COMPRISING SAID MOTOR Inventor(s): Kesatoshi TAKEUCHI

Atty. Ref.: 9319T-1174/NP

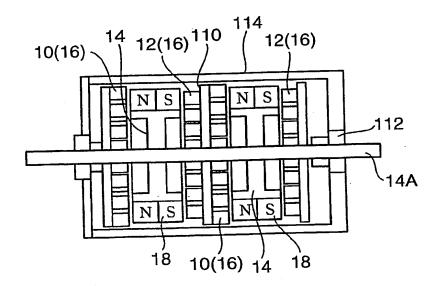
FIG.34



Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE AND DRIVER COMPRISING SAID MOTOR Inventor(s): Kesatoshi TAKEUCHI

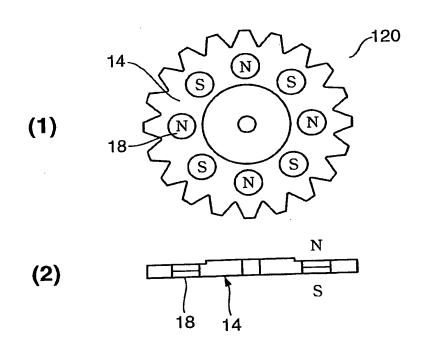
Atty. Ref.: 9319T-1174/NP

35/50



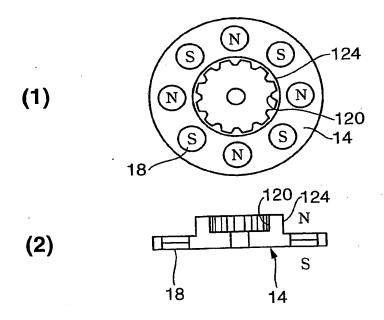
Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE,
AND DRIVER COMPRISING SAID MOTOR
Inventor(s): Kesatoshi TAKEUCHI
Atty. Ref.: 9319T-1174/NP 10/533651

FIG.36



Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE, AND DRIVER COMPRISING SAID MOTOR Inventor(s): Kesatoshi TAKEUCHI Atty. Ref.: 9319T-1174/NP

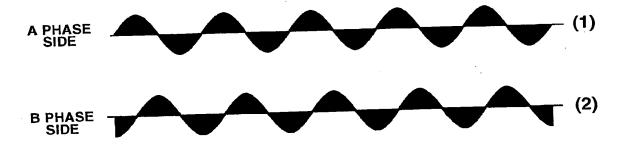
FIG.37



Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE,
AND DRIVER COMPRISING SAID MOTOR
Inventor(s): Késatoshi TAKEUCHI
Atty. Ref.: 9319T-1174/NP

38/50

FIG.38



Inventor(s): Kesatoshi TAKEUCHI
Atty. Ref.: 9319T-1174/NP

10/533651

FIG.39

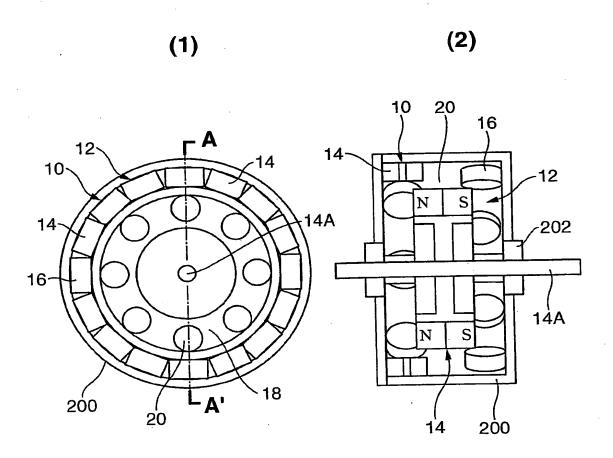
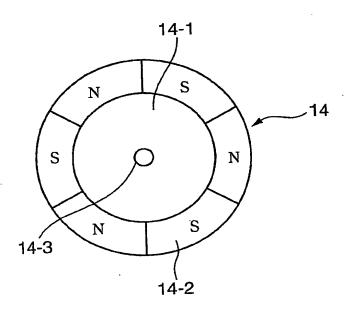


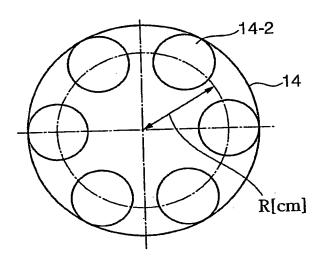
FIG.40



Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE, AND DRIVER COMPRISING SAID MOTOR Inventor(s): Kesatoshi TAKEUCHI Atty. Ref.: 9319T-1174/NP

10/533651

FIG.41



Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE, AND DRIVER COMPRISING SAID MOTOR Inventor(s): Kesatoshi TAKEUCHI Atty. Ref.: 9319T-1174/NP

10/533651

FIG.42

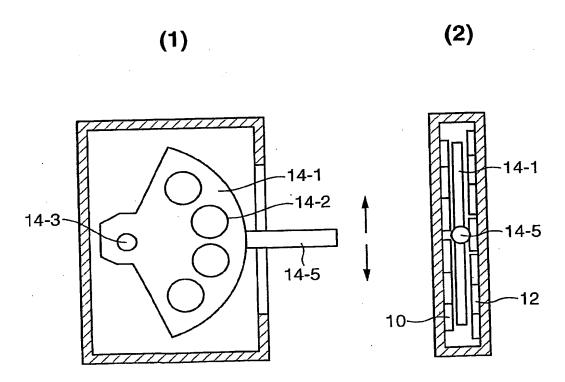
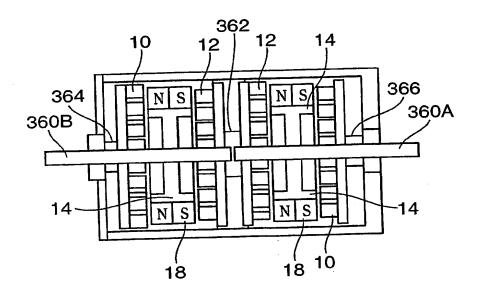


FIG.43



Inventor(s): Kesatoshi TAKEUCHI
Atty. Ref.: 9319T-1174/NP

10/533651

FIG.44

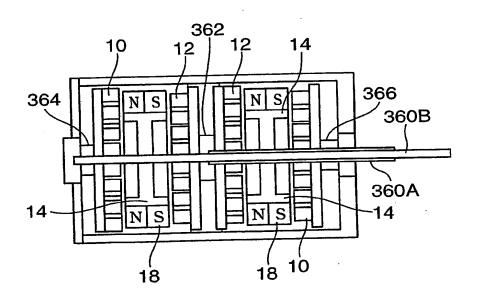
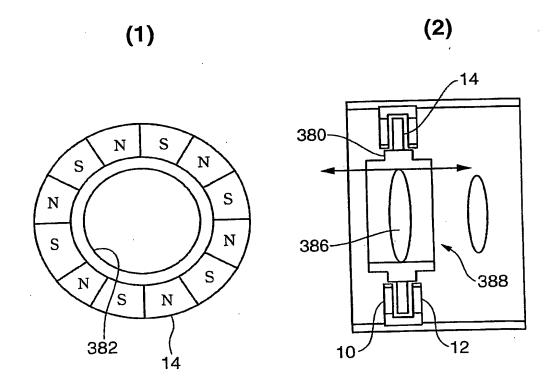


FIG.45



Title: MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE, AND DRIVER COMPRISING SAID MOTOR

AND DRIVER COMPRISING SAID MOTOR Inventor(s): Kesatoshi TAKEUCHI Atty. Ref.: 9319T-1174/NP

10/533651

FIG.46

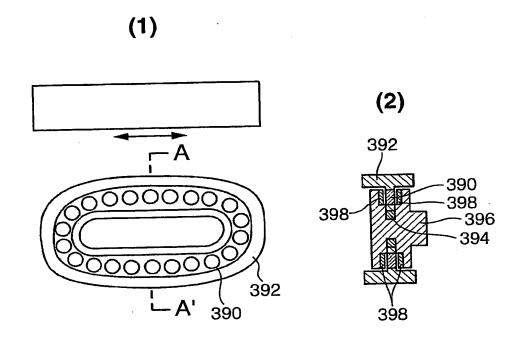
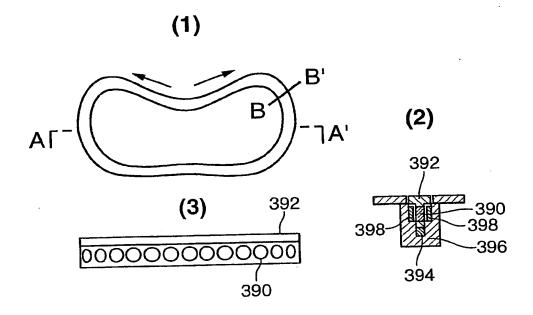


FIG.47



AND DRIVER COMPRISING SAID MOTOR
Sinventor(s): Kesatoshi TAKEUCHI

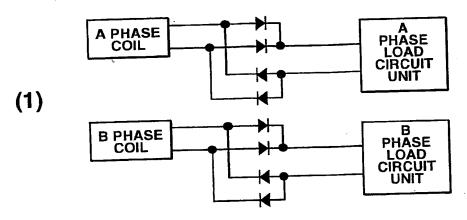
Atty. Ref.: 9319T-1174/NP

10/533651

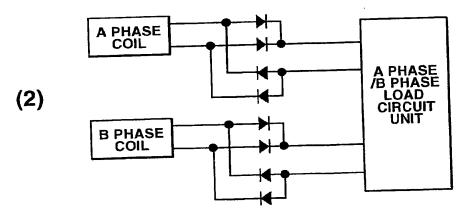
48/50

FIG.48

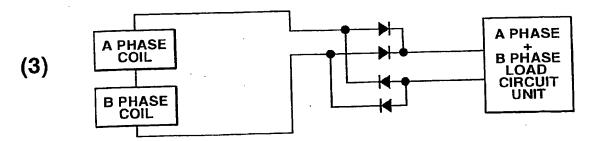
AB PHASE INDEPENDENT TYPE



AB PHASE SYNTHESIZED TYPE



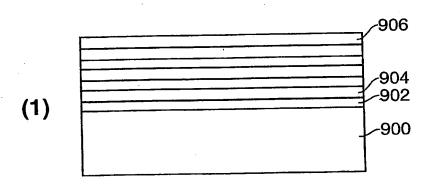
AB PHASE SERIAL COIL TYPE



AND DRIVER COMPRISING SAID MOTOR Inventor(s): Kesatoshi TAKEUCHI Atty. Ref.: 9319T-1174/NP

10/533651

FIG.49



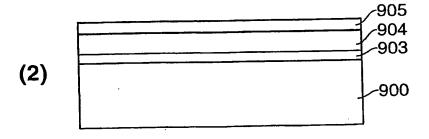


FIG.50

